

SABIC Innovative Plastics LNP THERMOCOMP OF006A PPS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Thermocomp* OF-1006 is a compound based on Polyphenylene Sulfide resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-OF006A-PPS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	5 mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5 mm/min; ISO 527
Tensile Modulus	11.1 GPa	1610 ksi	1 mm/min; ISO 527
Flexural Strength	238 MPa	34500 psi	2 mm/min; ISO 178
Flexural Modulus	10.8 GPa	1570 ksi	2 mm/min; ISO 178

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	19.0 Åµm/m-Å°C	10.6 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	52.0 Åµm/m-Å°C	28.9 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	260 Å°C	500 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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